CLAIMS

1.- Cold starting system for high - speed direct injection diesel engines specially conceived for motor based on the use of electrical vehicle engines resistances, and more specifically in the use of heating elements in the form of a ribbon and serpentine shaped with uniform spacing between the loops of serpentine, where the faces of the ribbon are parallel to the intake conduit axis for the passage of air to the engine so that said ribbon are perpendicular the edges of air flow, characterised that direction of in the resistance (7) is mounted on a support (1) provided with means of fastening to the engine, being established in diametrically opposed areas of the orifice (3) for the passage of air of said support (1) groups of recesses (4) of arched semicircular configuration, with an interior (5) defining an arched recess wherein nipple corresponding inflection (6) of the resistance (7) coupled with interposition of a ceramic insulator (8).

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2.- Cold starting system for high - speed direct according to claim diesel engines iniection characterised in that in one of the groups of recesses (4) of the support (1) two special and outermost recesses are established, one recess (9), blank, that houses in its interior the corresponding extremity (10) of resistance (7) an that, through the absence of ceramic insulator, establishes the connection to ground of this resistance with the collaboration of a setscrew (12), a rivet or the like, and the other (13), open to the exterior (14), with an intermediate expansion (15) is established that which a ceramic insulator (16) protects the connection, by means of welding, of other end (17) of the resistance to the end (19) of the electricity supply cable (18) thereof.